Homework

1. Write a quadratic equation whose roots are –8 and –9.
2. Write a quadratic equation whose roots are 11 and –3.
3. Write a quadratic equation whose roots are ½ and –5.
4. Michael determines the zeroes of an equation to be –3 and 7. Which of the following could represent the equation that Michael used?
   1. x2 – 10x – 21 = 0 c. x2 – 4x – 21 = 0
   2. x2 + 10x – 21 = 0 d. x2 + 4x – 21 = 0
5. Solve for the variable using either method you choose:
   * 1. 4x2 – x – 5 = 0
     2. 100x2 – 49 = 0
     3. x(x – 1) = 90